

ABSTRACT

Sliding element for seals mainly comprises 25 to 75 weight % carbonaceous impalpable powdery aggregate of non-graphitizing carbon and/or graphitizing carbon and 20 to 50 weight % synthetic resin as binder. The element is blended
5 with the range of 5 to 25 weight % carbonaceous carbon fibers without surface treatment and inside carbon matrix, the carbon fibers are randomly scattered. This will provide sliding element for seals which has high degree of hardness, excellent wear resistance property and further, solid lubrication property.